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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/518,287	03/03/2000	David A. Foti	04899-034001	6548
7590	10/06/2004		EXAMINER	
Kevin J. Canning, Esq. Lahive & Cockfield, LLP 28 State Street Boston, MA 02109			TRUONG, LECHI	
			ART UNIT	PAPER NUMBER
			2126	

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/518,287	FOTI ET AL.
	Examiner	Art Unit
	LeChi Truong	2126

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 26 July 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires _____ months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

- Claim(s) allowed: none.
- Claim(s) objected to: none.
- Claim(s) rejected: 1-34.
- Claim(s) withdrawn from consideration: _____.
- 8. The drawing correction filed on _____ is a)a) approved or b)b) disapproved by the Examiner.
- 9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
- 10. Other: _____

Meng-Chi T. An
MEMORANDUM
SUPPLEMENTAL PATENT EXAMINER
TELECOMMUNICATIONS CENTER 2100

Continuation of 5. does NOT place the application in condition for allowance because: Continuation of 5. does NOT place the application in condition for allowance because: In the remark applicant argued in substance that (1) " Cantin does not teach or suggest retrieving a set of method signature" (2) " Cantin does not concerned with method signatures, or with comparing the data type of arguments of a method signature" (3) NEC fails to teach or suggest the claim limitations of ranking the method signatures as a function of comparison and selecting one of the method signatures according to the ranking", (4) " ranking the datatype of a method signature in comparison to the data type of an input parameter", (5) " Cantin does not discuss the PDS as providing an environment, such as one provided by a mathematic tool" , (6) " The SchemaMapper and the PDS do not select method signatures".

Examiner respectfully traversed Applicant's remarks:

As to the point (1), Cantin teaches selected object (page 2, ln 47 -48) and (page 5, ln 22 -23), the objects must be selected based on the identifications or types of that objects which made the objects are different for each other. The object can not be selected without selecting the identification of the object. Cantin teaches each objects have the persistant ID(page 2, ln 22-23/ page 8, ln 5) or th object class DOG can include the instance variables " dog_type" (col 5, ln 43-5). Canten teaches the selected object is mapped to persisten medium (page 2, ln 46-48) or map between type of persitent object and the datastore(page 5, ln 22-23).

As to the point(2), Cantin teaches Canten teaches the selected object is mapped to persisten medium (page 2, ln 46-48) or map between type of persitent object and the datastore(page 5, ln 22-23).

As to point(3), Nec teaches value is compared for every member variable defined as this structure type, and size-related rank is performed (page 4/27, right col/ page 9/27, right col), perform search processing of index component (page 12/27, right col/ page 14/ 27, right col), return retrieval result (page 17/ 27, right col), Nec teaches comparing and ranking between class, value and every member variable defined as structure type in object oriented environment.

As to the point (4), "ranking the datatype of a method signature in comparison to the data type of an input parameter" was not in claims 1 and 23.

As to the point (5), " a mathematic tool" was not in claims 1 and 23.

As to the point(6), Nec teach searching and ranking index component(page 4/27, right col/ page 9/27, right col/ page 12/27, right col/ page 14/ 27, right col)... .